

Message

From: Field, Jeff [Field.Jeff@epa.gov]
Sent: 7/8/2019 4:17:29 PM
To: Beringer, Mike [Beringer.Michael@epa.gov]
Subject: FW: Test Methods for Insecticides and Fungicides

Potential methods for testing distiller's grain at AltEn.

From: Merrill, Raymond
Sent: Monday, July 08, 2019 8:49 AM
To: Terriquez, Joe <terriquez.joe@epa.gov>; Gullett, Brian <Gullett.Brian@epa.gov>
Cc: Field, Jeff <Field.Jeff@epa.gov>
Subject: RE: Test Methods for Insecticides and Fungicides

Joe

Ex. 5 DP / Ex. 7(A)

Ex. 5 DP / Ex. 7(A)

Ray

Raymond Merrill Ph.D. (Ray) | USEPA/OAQPS/AQAD/Measurement Technology Group
109 TW Alexander Drive (E143-02) | Research Triangle Park, NC 27711
email: Merrill.Raymond@epa.gov | Phone (919)541-5225 | Fax: (919) 541-0516

From: Terriquez, Joe
Sent: Monday, July 08, 2019 9:02 AM
To: Gullett, Brian <Gullett.Brian@epa.gov>
Cc: Merrill, Raymond <Merrill.Raymond@epa.gov>; Field, Jeff <Field.Jeff@epa.gov>
Subject: RE: Test Methods for Insecticides and Fungicides

Brain,

Ex. 5 DP / Ex. 7(A)

From: Gullett, Brian
Sent: Monday, July 08, 2019 7:55 AM
To: Terriquez, Joe <terriquez.joe@epa.gov>
Cc: Merrill, Raymond <Merrill.Raymond@epa.gov>; Field, Jeff <Field.Jeff@epa.gov>
Subject: Re: Test Methods for Insecticides and Fungicides

Joe, I'm sorry but I can't help you on this. I have no experience with herbicides.

Brian Gullett, Ph.D.
Senior Professional Research Engineer
U.S. EPA Office of Research and Development
RTP, NC
919-541-1534 ofc

On Jul 8, 2019, at 8:49 AM, Terriquez, Joe <terriquez.joe@epa.gov> wrote:

Brain or Ray,

Ex. 5 DP / Ex. 7(A)

From: Terriquez, Joe
Sent: Monday, June 24, 2019 10:03 AM
To: Merrill, Raymond <Merrill.Raymond@epa.gov>
Cc: Field, Jeff <Field.Jeff@epa.gov>; Gullett, Brian <Gullett.Brian@epa.gov>
Subject: RE: Test Methods for Insecticides and Fungicides

Ray or Brian,
Follow up from last discussion.

Ex. 5 DP / Ex. 7(A)

Thanks

From: Terriquez, Joe
Sent: Monday, June 10, 2019 3:07 PM
To: Merrill, Raymond <Merrill.Raymond@epa.gov>; Pracheil, Brad <brad.pracheil@nebraska.gov>
Cc: Field, Jeff <Field.Jeff@epa.gov>; Gullett, Brian <Gullett.Brian@epa.gov>; Todd Ellis <todd.ellis@nebraska.gov>
Subject: RE: Test Methods for Insecticides and Fungicides

All,

Ex. 7(A)

Ex. 7(A)

From: Merrill, Raymond

Sent: Thursday, June 06, 2019 2:54 PM

To: Terriquez, Joe <terriquez.joe@epa.gov>; Pracheil, Brad <brad.pracheil@nebraska.gov>

Cc: Field, Jeff <Field.Jeff@epa.gov>; Gullett, Brian <Gullett.Brian@epa.gov>; Todd Ellis <todd.ellis@nebraska.gov>

Subject: RE: Test Methods for Insecticides and Fungicides

MACT EEE has a new home in OAPQS, I believe.

The key contact for rule application here in OAQPS would be Charlene Spells.

I've lost contact with the RCRA folks in DC after Barry and David retired, so I'd have to ask around if you wanted to talk to OLEM directly.

Ray

Raymond Merrill Ph.D. (Ray) | USEPA/OAQPS/AQAD/Measurement Technology Group

109 TW Alexander Drive (E143-02) | Research Triangle Park, NC 27711

email: Merrill.Raymond@epa.gov | Phone (919)541-5225 | Fax: (919) 541-0516

From: Terriquez, Joe

Sent: Thursday, June 06, 2019 3:51 PM

To: Merrill, Raymond <Merrill.Raymond@epa.gov>; Pracheil, Brad <brad.pracheil@nebraska.gov>

Cc: Field, Jeff <Field.Jeff@epa.gov>; Gullett, Brian <Gullett.Brian@epa.gov>; Todd Ellis <todd.ellis@nebraska.gov>

Subject: RE: Test Methods for Insecticides and Fungicides

Ex. 7(A)

From: Merrill, Raymond

Sent: Thursday, June 06, 2019 2:48 PM

To: Terriquez, Joe <terriquez.joe@epa.gov>; Pracheil, Brad <brad.pracheil@nebraska.gov>

Cc: Field, Jeff <Field.Jeff@epa.gov>; Gullett, Brian <Gullett.Brian@epa.gov>; Todd Ellis <todd.ellis@nebraska.gov>

Subject: RE: Test Methods for Insecticides and Fungicides

Ex. 7(A)

Ray

Raymond Merrill Ph.D. (Ray) | USEPA/OAQPS/AQAD/Measurement Technology Group

109 TW Alexander Drive (E143-02) | Research Triangle Park, NC 27711

email: Merrill.Raymond@epa.gov | Phone (919)541-5225 | Fax: (919) 541-0516

From: Terriquez, Joe

Sent: Thursday, June 06, 2019 3:10 PM

To: Merrill, Raymond <Merrill.Raymond@epa.gov>; Pracheil, Brad <brad.pracheil@nebraska.gov>

Cc: Field, Jeff <Field.Jeff@epa.gov>; Gullett, Brian <Gullett.Brian@epa.gov>; Todd Ellis

<todd.ellis@nebraska.gov>

Subject: RE: Test Methods for Insecticides and Fungicides

Here is the EPA study that I was talking about today.

From: Merrill, Raymond

Sent: Thursday, June 06, 2019 2:00 PM

To: Pracheil, Brad <brad.pracheil@nebraska.gov>; Terriquez, Joe <terriquez.joe@epa.gov>

Cc: Field, Jeff <Field.Jeff@epa.gov>; Gullett, Brian <Gullett.Brian@epa.gov>; Todd Ellis <todd.ellis@nebraska.gov>

Subject: RE: Test Methods for Insecticides and Fungicides

Ex. 7(A)

Ray

Raymond Merrill Ph.D. (Ray) | USEPA/OAQPS/AQAD/Measurement Technology Group
109 TW Alexander Drive (E143-02) | Research Triangle Park, NC 27711
email: Merrill.Raymond@epa.gov | Phone (919)541-5225 | Fax: (919) 541-0516

From: Pracheil, Brad <brad.pracheil@nebraska.gov>

Sent: Wednesday, May 29, 2019 2:52 PM

To: Terriquez, Joe <terriquez.joe@epa.gov>; Merrill, Raymond <Merrill.Raymond@epa.gov>

Cc: Field, Jeff <Field.Jeff@epa.gov>; Gullett, Brian <Gullett.Brian@epa.gov>; Todd Ellis <todd.ellis@nebraska.gov>

Subject: RE: Test Methods for Insecticides and Fungicides

Hey Ray,

Ex. 7(A)

Later

Brad

Brad Pracheil

Air Compliance Unit Supervisor
Air Quality Division

Nebraska Department of Environmental Quality

1200 N St, Suite 400
P.O. Box 98922
Lincoln, Nebraska 68509-8922

DIRECT 402-471-4141

<http://deq.ne.gov>

From: Terriquez, Joe <terriquez.joe@epa.gov>
Sent: Wednesday, May 29, 2019 1:09 PM
To: Merrill, Raymond <Merrill.Raymond@epa.gov>
Cc: Field, Jeff <Field.Jeff@epa.gov>; Gullett, Brian <Gullett.Brian@epa.gov>; Ellis, Todd <todd.ellis@nebraska.gov>; Pracheil, Brad <brad.pracheil@nebraska.gov>
Subject: RE: Test Methods for Insecticides and Fungicides

Ray,

Ex. 7(A)

From: Merrill, Raymond
Sent: Wednesday, May 29, 2019 12:41 PM
To: Terriquez, Joe <terriquez.joe@epa.gov>
Cc: Field, Jeff <Field.Jeff@epa.gov>; Gullett, Brian <Gullett.Brian@epa.gov>; Merrill, Raymond <Merrill.Raymond@epa.gov>
Subject: RE: Test Methods for Insecticides and Fungicides

Joe

Ex. 5 AC / Ex. 7(A)

Ray
Raymond Merrill Ph.D. (Ray) | USEPA/OAQPS/AQAD/Measurement Technology Group
109 TW Alexander Drive (E143-02) | Research Triangle Park, NC 27711
email: Merrill.Raymond@epa.gov | Phone (919)541-5225 | Fax: (919) 541-0516

From: Terriquez, Joe
Sent: Tuesday, May 28, 2019 11:23 AM
To: Merrill, Raymond <Merrill.Raymond@epa.gov>
Cc: Field, Jeff <Field.Jeff@epa.gov>
Subject: RE: Test Methods for Insecticides and Fungicides

Ray,

I was wondering if you have any ideas or thoughts on this issue or if you have been able to give it some thought.

From: Terriquez, Joe

Sent: Friday, May 17, 2019 8:29 AM

To: Merrill, Raymond <Merrill.Raymond@epa.gov>

Subject: FW: Test Methods for Insecticides and Fungicides

Ray,

Ex. 5 AC / Ex. 7(A)

From: Pracheil, Brad <brad.pracheil@nebraska.gov>

Sent: Wednesday, May 01, 2019 7:33 AM

To: Terriquez, Joe <terriquez.joe@epa.gov>

Subject: RE: Test Methods for Insecticides and Fungicides

Ex. 7(A)

Later

Brad

From: Terriquez, Joe <terriquez.joe@epa.gov>

Sent: Tuesday, April 30, 2019 2:34 PM

To: Pracheil, Brad <brad.pracheil@nebraska.gov>

Subject: FW: Test Methods for Insecticides and Fungicides

Brad I cannot remember if I sent this to you.

Ex. 7(A)

From: Hackett, Shawn

Sent: Tuesday, April 02, 2019 12:49 PM

To: Terriquez, Joe <terriquez.joe@epa.gov>

Subject: FW: Test Methods for Insecticides and Fungicides

Joe,

I was able to get this piece of information from Ryan Mroz who works in the Office of Pesticide Programs, Environmental Fate and Effects Division. I hope this might be what you need to evaluate the Biochar process.

Shawn Hackett

FIFRA Project Officer for Missouri | FIFRA Inspector
U.S. EPA - Region 7 | 11201 Renner Blvd. | Lenexa, KS 66219 | (913) 551-7774
Hackett.Shawn@epa.gov

From: Mroz, Ryan
Sent: Tuesday, April 02, 2019 12:14 PM
To: Hackett, Shawn <hackett.shawn@epa.gov>
Cc: Housenger, Justin <Housenger.Justin@epa.gov>; Sappington, Keith <Sappington.Keith@epa.gov>
Subject: RE: Test Methods for Insecticides and Fungicides

Hi Shawn,

Ex. 5 DP / Ex. 7(A)

Thanks,

Ryan

From: Hackett, Shawn
Sent: Monday, March 25, 2019 3:40 PM
To: Mroz, Ryan <Mroz.Ryan@epa.gov>
Cc: Housenger, Justin <Housenger.Justin@epa.gov>; Sappington, Keith <Sappington.Keith@epa.gov>
Subject: RE: Test Methods for Insecticides and Fungicides

Thanks. I spoke last week with the staff in the air program.

Ex. 5 DP / Ex. 7(A)

Ex. 5 DP / Ex. 7(A)

Shawn Hackett

FIFRA Project Officer for Missouri | FIFRA Inspector
U.S. EPA - Region 7 | 11201 Renner Blvd. | Lenexa, KS 66219 | (913) 551-7774
Hackett.Shawn@epa.gov

From: Mroz, Ryan
Sent: Monday, March 25, 2019 2:35 PM
To: Hackett, Shawn <hackett.shawn@epa.gov>
Cc: Housenger, Justin <Housenger.Justin@epa.gov>; Sappington, Keith <Sappington.Keith@epa.gov>
Subject: RE: Test Methods for Insecticides and Fungicides

Hi Shawn,

Ex. 5 DP / Ex. 7(A)

Thanks,

Ryan

From: Hackett, Shawn

Sent: Wednesday, March 20, 2019 9:54 AM

To: Mroz, Ryan <Mroz.Ryan@epa.gov>

Cc: Housenger, Justin <Housenger.Justin@epa.gov>; Sappington, Keith <Sappington.Keith@epa.gov>

Subject: RE: Test Methods for Insecticides and Fungicides

Ryan,

Thanks for this information. I have a slightly different take on what they may be wanting to do. From the beginning of the second paragraph of the article you forwarded to me.

“Biochar is a charcoal-like substance that’s made by burning organic material from agricultural and forestry wastes (also called biomass) in a controlled process called pyrolysis.”

Ex. 5 DP / Ex. 7(A)

Shawn Hackett

FIFRA Project Officer for Missouri | FIFRA Inspector

U.S. EPA - Region 7 | 11201 Renner Blvd. | Lenexa, KS 66219 | (913) 551-7774

Hackett.Shawn@epa.gov

From: Mroz, Ryan

Sent: Wednesday, March 20, 2019 8:00 AM

To: Hackett, Shawn <hackett.shawn@epa.gov>

Cc: Housenger, Justin <Housenger.Justin@epa.gov>; Sappington, Keith <Sappington.Keith@epa.gov>

Subject: RE: Test Methods for Insecticides and Fungicides

Hi Shawn,

I emailed a few contacts to see if they have any information.

Ex. 5 DP / Ex. 7(A)

Thanks,

Ryan

From: Hackett, Shawn

Sent: Tuesday, March 19, 2019 3:37 PM

To: Mroz, Ryan <Mroz.Ryan@epa.gov>

Cc: Housenger, Justin <Housenger.Justin@epa.gov>; Sappington, Keith <Sappington.Keith@epa.gov>

Subject: RE: Test Methods for Insecticides and Fungicides

Ryan,

These are individual seeds that have been treated with pesticides (e.g. a bag of imidacloprid treated coated seeds). Generally these seeds are treated with both an insecticide (imidacloprid) and a fungicide (various active ingredients).

Ex. 5 DP / Ex. 7(A)

Shawn Hackett

FIFRA Project Officer for Missouri | FIFRA Inspector

U.S. EPA - Region 7 | 11201 Renner Blvd. | Lenexa, KS 66219 | (913) 551-7774

Hackett.Shawn@epa.gov

From: Mroz, Ryan

Sent: Tuesday, March 19, 2019 2:01 PM

To: Hackett, Shawn <hackett.shawn@epa.gov>

Cc: Housenger, Justin <Housenger.Justin@epa.gov>; Sappington, Keith <Sappington.Keith@epa.gov>

Subject: RE: Test Methods for Insecticides and Fungicides

Hi Shawn,

I apologize for the continued follow up. Are these individual seeds that have been treated with pesticides (e.g. a bag of imidacloprid treated coated seeds) or the resulting product, (i.e. the corn/seeds grown from these treated seeds after they were planted).

Ex. 5 DP / Ex. 7(A)

Thanks,

Ryan

From: Hackett, Shawn

Sent: Tuesday, March 19, 2019 2:08 PM

To: Mroz, Ryan <Mroz.Ryan@epa.gov>

Cc: Housenger, Justin <Housenger.Justin@epa.gov>; Sappington, Keith <Sappington.Keith@epa.gov>

Subject: RE: Test Methods for Insecticides and Fungicides

Ex. 5 DP / Ex. 7(A)

Shawn Hackett

FIFRA Project Officer for Missouri | FIFRA Inspector

U.S. EPA - Region 7 | 11201 Renner Blvd. | Lenexa, KS 66219 | (913) 551-7774

Hackett.Shawn@epa.gov

From: Mroz, Ryan

Sent: Tuesday, March 19, 2019 12:20 PM

To: Hackett, Shawn <hackett.shawn@epa.gov>

Cc: Housenger, Justin <Housenger.Justin@epa.gov>; Sappington, Keith <Sappington.Keith@epa.gov>

Subject: FW: Test Methods for Insecticides and Fungicides

Hi Shawn,

I'm an acting team leader for the environmental risk branch that has imidacloprid in it. I just wanted to confirm the process in regards to your question. Is this in regard to corn that has been grown (for seed), used to produce ethanol, then the resulting waste corn products (presumably in some sort of pulp) get burned?

Ex. 5 DP / Ex. 7(A)

Let me know and we can get you a better answer.

Thanks,

Ryan Mroz, Acting RAPL
Ecological Risk Branch 5
Environmental Fate and Effects Division (7507P)
Office of Pesticides Programs
US Environmental Protection Agency
T: 703.347.0428

From: Sappington, Keith

Sent: Monday, March 18, 2019 2:50 PM

To: Housenger, Justin <Housenger.Justin@epa.gov>

Cc: Mroz, Ryan <Mroz.Ryan@epa.gov>

Subject: FW: Test Methods for Insecticides and Fungicides

From: Hackett, Shawn

Sent: Monday, March 18, 2019 12:53 PM

To: Ruhman, Mohammed <Ruhman.Mohammed@epa.gov>; Sappington, Keith <Sappington.Keith@epa.gov>; Niesen, Meghann <Niesen.Meghann@epa.gov>; Yingling, Hannah

[<Yingling.Hannah@epa.gov>](mailto:Yingling.Hannah@epa.gov)

Subject: Test Methods for Insecticides and Fungicides

Hello everyone,

I had a question come up from a state in Region 7 and was not sure who to ask so I am addressing my email to all of you.

Ex. 7(A)

Shawn Hackett

FIFRA Project Officer for Missouri | FIFRA Inspector

U.S. EPA - Region 7 | 11201 Renner Blvd. | Lenexa, KS 66219 | (913) 551-7774

Hackett.Shawn@epa.gov